REMARKS

Reconsideration of this application is requested in view of the amendments to the claims and the remarks presented herein.

The claims in the application are claims 1 to 7 and 11, all other claims having been cancelled.

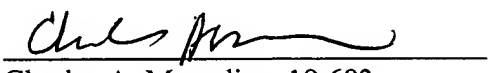
Claims 1, 6, 7 and 11 were rejected under 353 USC 112, second paragraph, and claims 2 to 5 were objected to as being dependent upon a rejected base claim. The Examiner objected to the "ring system" at the end of the B definition as being unclear and to the use of 5' as a subscript in the definition of R_2.

Applicants respectfully traverse these grounds of rejection since the amended claims are believed to properly define the invention. The "ring system" at the end of the B definition has been deleted and the use of 5 subscript prime has been corrected in the definition of R_2. Therefore, withdrawal of these grounds of rejection is requested.

The specification was objected to in lines 8 and 9 of page 4 as being improper since reference applications was not proper but only publications may appear. It is believed that the Examiner is incorrect in the objection thereto since all of the applications referred to have been published and therefore, reference to them is proper. In fact, PCT/FR98/08051 and PCT/EP99/00242 were published before filing of the present application as can be seen from copies of the first page of each filed herewith.

In view of the amendments to the claims and the above remarks, it is believed that the claims clearly point out Applicants' patentable contribution and favorable reconsideration of the application is requested.

Respectfully submitted,
Muserlian, Lucas and Mercanti



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Enclosures

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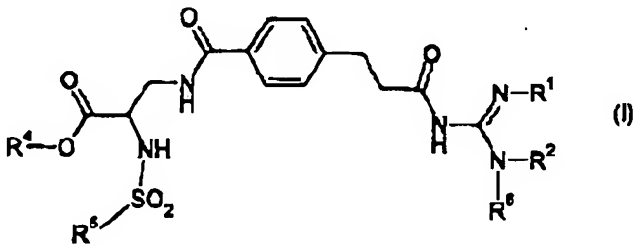
(54) Title: NOVEL SULFONAMIDE DERIVATIVES AS INHIBITORS OF BONE RESORPTION AND AS INHIBITORS OF CELL ADHESION



(I)

(57) Abstract

The present invention relates to sulfonamide derivatives of formula (I), in which R^1, R^2, R^4, R^5 and R^6 have the meanings indicated in the claims, their physiologically tolerable salts and their prodrugs. The compounds of the formula (I) are valuable pharmaceutical active compounds. They are vitronectin receptor antagonists and inhibitors of cell adhesion and inhibit bone resorption by osteoclasts. They are suitable, for example, for the therapy and prophylaxis of diseases which are caused at least partially by an undesired extent of bone resorption, for example of osteoporosis. The invention furthermore relates to processes for the preparation of compounds of the formula (I), their use, in particular as pharmaceutical active ingredients, and pharmaceutical preparations comprising them.

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(71) Applicants *(for all designated States except US)*: HOECHST MARION ROUSSEL DEUTSCHLAND GMBH [DE/DE]; Bruningstrasse 50, D-65929 Frankfurt am Main (DE). GENENTECH, INC. [US/US]; 1 DNA Way, South San Francisco, CA 94080-4990 (US).

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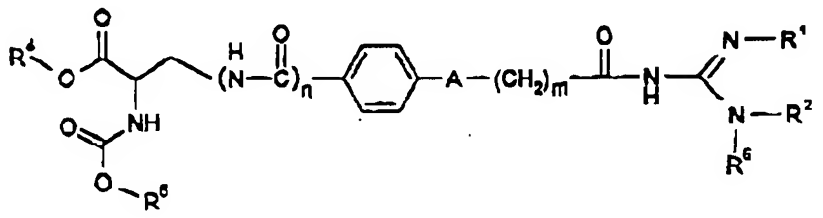
Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

(54) Title: NOVEL ACYLGUANIDINE DERIVATIVES AS INHIBITORS OF BONE RESORPTION AND AS VITRONECTIN RECEPTOR ANTAGONISTS



(I)

(57) Abstract

The present invention relates to acylguanidine derivatives of formula (I) in which R^1, R^2, R^4, R^5, R^6, A, m and n have the meanings indicated in the patent claims, their physiologically tolerable salts and their prodrugs. The compounds of formula (I) are valuable pharmaceutical active ingredients. They are vitronectin receptor antagonists and inhibitors of bone resorption by osteoclasts and are suitable, for example, for the therapy or prophylaxis of diseases which are caused at least partially by an undesired extend of bone resorption, for example of osteoporosis. The invention furthermore relates to processes for the preparation of compounds of formula (I), their use, in particular as pharmaceutical active ingredients, and pharmaceutical preparations comprising them.